

Holds a B. Sc. in Mechanical Power Engineering and has over 4 years hands-on experience working in installation, design and technical office.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 12/11/1990  
Gender : Male  
Marital Status : Married  
Residence : Giza, Cairo

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Kafr El-Sheikh University, 2013

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: AutoCAD 2D  
: ELITE for firefighting hydraulic calculation  
: HAP for load estimation of air conditioning  
: Revit for MEP coordination

## TRAINING COURSES AND CERTIFICATIONS

: HVAC course including designing and installation at site (2016).  
: ELITE program for firefighting calculations (2013).  
: ICDL (2012).  
: AutoCAD 2D (2009).  
: Training at EPROM at ELAB site, Alexandria (including: rotary and static machines) (summer 2012).  
: Training at Misr for weaving and spinning factory, El-Mahalla El-Kobra (including: Internal combustion engine, Power stations, Air conditioning and Car mechanics) (summer 2011).

# CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Feb. 2018 till now  
**Employer** : Electrical, Cooling & Conditioning Services (ELECON), Giza  
**Projects** :

- Calculate heat load with HAP, static calculations and making shop drawing for ZOHR Project
- Making shop drawings for duct works, pipes and drain for OSBL Project
- Making shop drawings for duct works for UCCMA Pharma Project

**Job title** : HVAC Technical Office Engineer  
**Job Description** :

- Revise design drawings and loads for the building.
- Making shop drawings for HVAC works (Duct, Pipe and Drain) and coordinate between them.
- Making coordination between HVAC works and other works.

**Dates** : From Apr. 2015 till Feb. 2018  
**Employer** : International Center for contracting business (SRI agent) at 6th October City  
**Job title** : Firefighting Technical Office & Site Engineer  
**Job Description** :

- Designing and making shop drawings for firefighting network system according to NFPA.
- Making hydraulic calculations for firefighting pumps with ELITE software.
- Technical study for in-hand projects, making submittal approval for materials.
- Technical study for tender projects, analyzing the B.O.Q. according to technical specifications.
- Installing of firefighting systems.
- Site Engineer for:
  - Al-Mourshedy shopping mall (sprinklers and F.H.C. systems).
  - Shell factory (Deluge system for water curtain system).
  - AGYAD infinity mall (sprinklers and F.H.C. systems).
  - EGYCO site (underground fire hydrants and firefighting network using polyethylene pipes).
  - SWISS COMPOUND (underground firefighting network using polyethylene pipes).
- Studying technical specifications, making submittal, shop drawings and hydraulic calculations for AL-MOURSHIDY SHOPPING MALL at AL-SHEIKH ZAYED City.
- Making design drawings, shop drawings and Inventory quantity for:
  - Deluge system for water curtain system and In-Rack sprinklers system, Shell.
  - Firefighting pump room, Evergrow factory at El-Sadat City.
  - Wet sprinkler system (Sprinklers and F.H.C.), Retag mall at 6th October City.
  - Wet sprinkler system (Standpipe system) TELEMISR Company at Cairo.
  - EGYPT TRADE factory at 6th October City, designing and making shop drawings of firefighting system, Inventory quantity of components in the project.
  - Underground firefighting system, SWISS COMPOUND at 6th October City.

- Wet sprinkler system (Stand pipe and sprinkler), ZEROCEM factory for painting at Borg Al-Arab City.
- Wet sprinkler system (Sprinklers and F.H.C.), Shay Al-Asary mall.
- Wet sprinkler system (Sprinklers and F.H.C.), Rehab October mall.